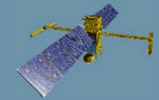


Hydroweb-NG : hydroweb-ng@cnes.fr to contact us !



Hydroweb-NG will facilitate free access to hydrology data and aims to mix/combine them for a better survey of continental waters

Hydroweb-NG will also distribute the SWOT continental water products (HR)



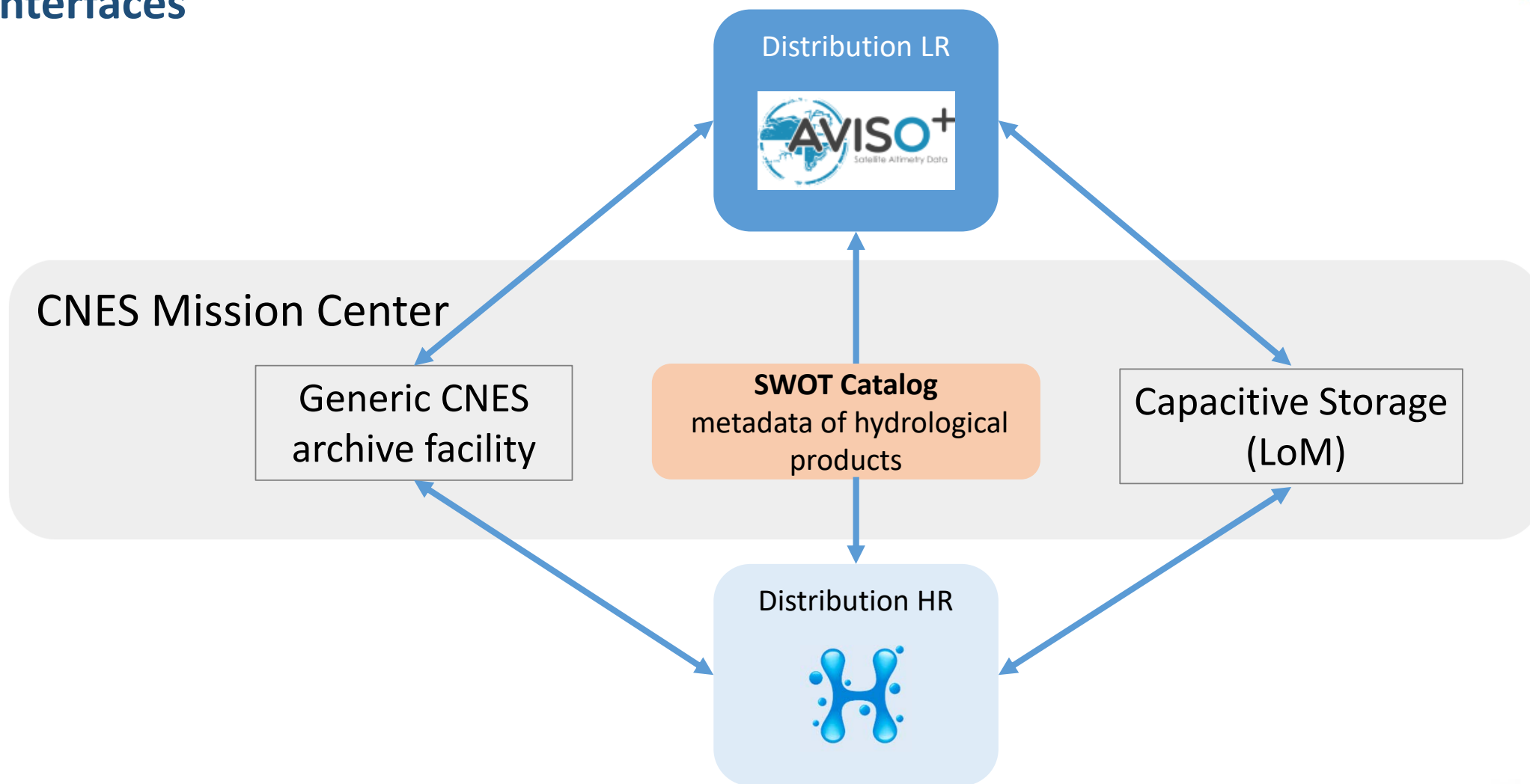
Hydroweb-NG is a CNES initiative within the SWOT downstream program

It will be integrated in THEIA, the thematic portal for continental surfaces



Development of Hydroweb-NG has started in December 2020 with 3 approaches : UX design, agility and DevOps. We are on our sprint 0 ! Ingestion of SWOT products for summer 2021, distribution of SWOT HR products early 2022.

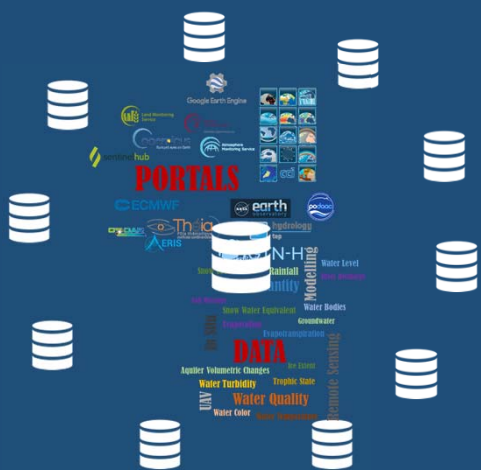
Hydroweb-NG and the SWOT Mission Center interfaces



Hydroweb-NG and its services



Data Management



Providing centralised access to catalogs and databases from hydrology portals you request

Providing a standard and interoperable interface

Analysis Ready Data for optimized access



Data Visualisation

Optimized data visualisation, crossing and analytics



Users own catalog

View Sharing

Collaboration



Data scientific exploration

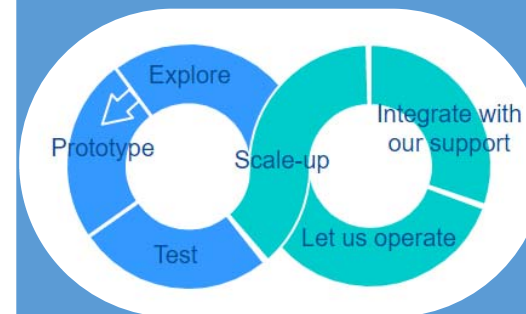
Come and work where the data is, for free.

A confidential or collaborative environment for your codes and results



Data production

Support, Easy algorithm integration and Orchestration for your most promising processing chains



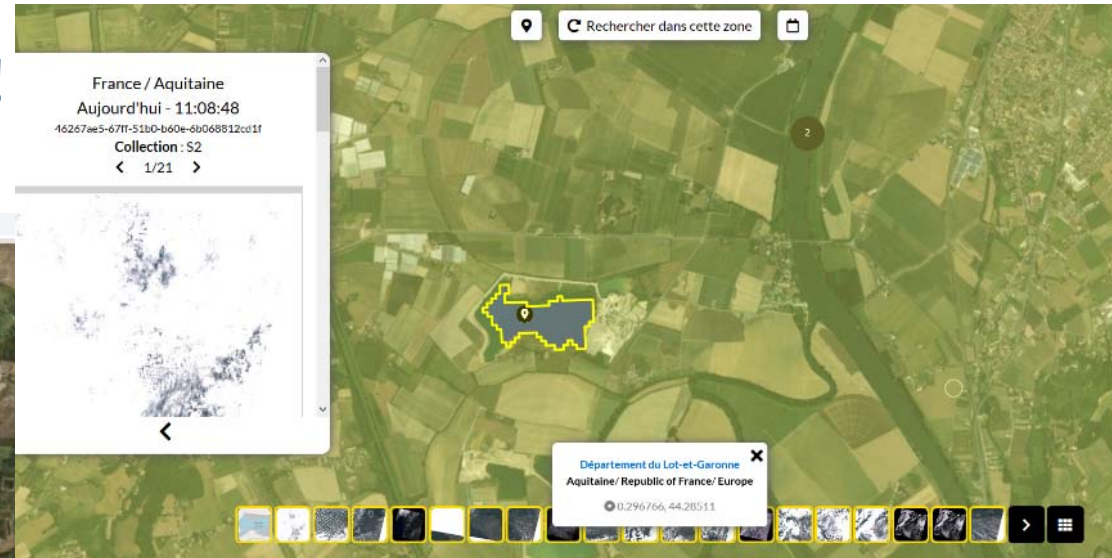
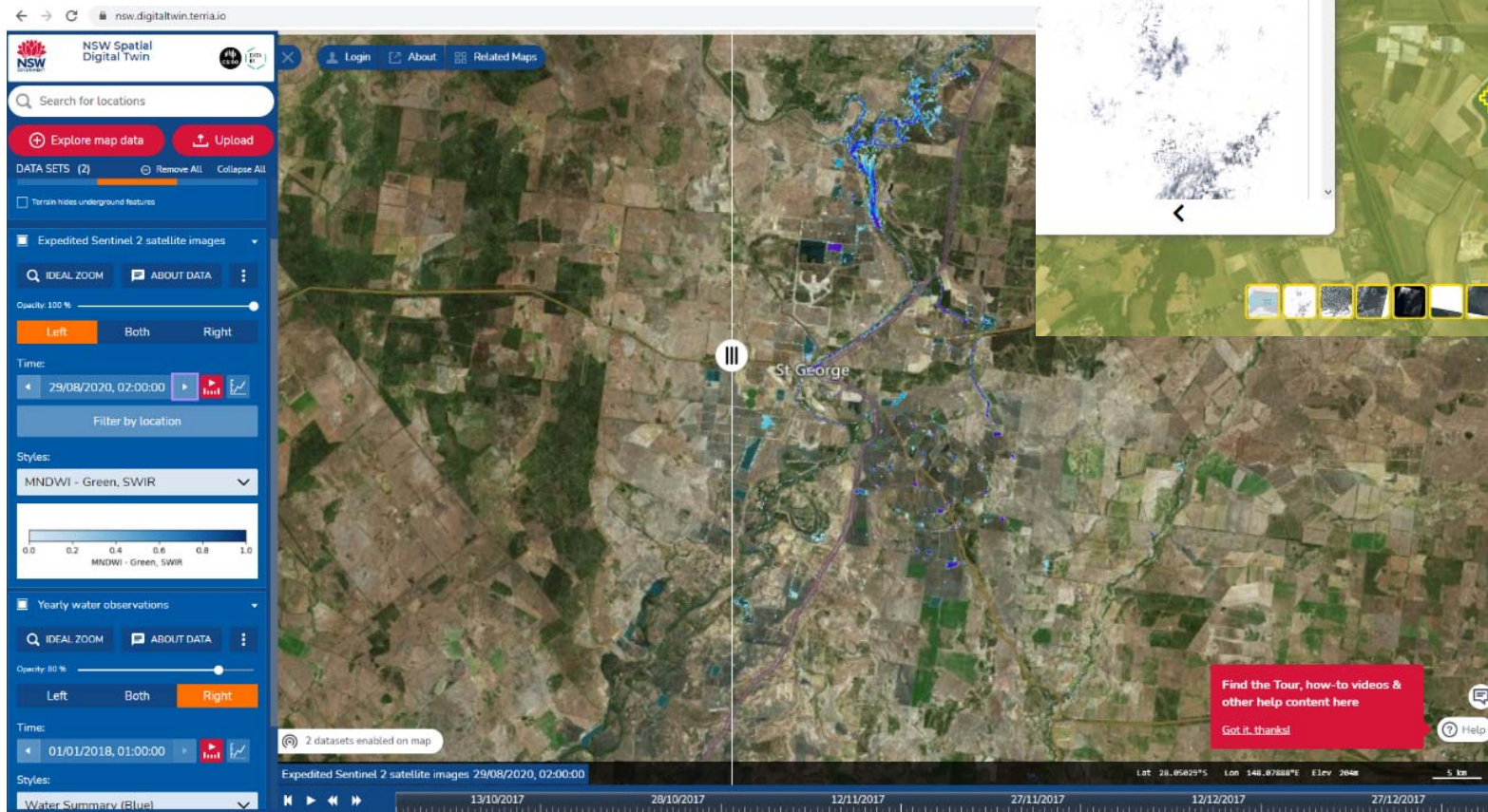
Global and temporal scale production

Automatically distributed

Hydroweb-NG examples/prototypes



1st IHM are foreseen for spring 2021 !



*Prototype for Hydroweb-NG
S2 image, SWOT simulated data (Lake
product), hydroweb product on top*

*Example using terria.js on the left
(Terria should be the COTS used by H-
NG)*